48' PO MAL

#### SHOOK, HARDY & BACON

TWENTIETH FLOOR HERCANTILE SAME TOWER

IIOI WALNUT KANSAS CITY, MISSOURI 64466 (8161-674-6550 TELEX 42-4231 TELECOMER (846) 421-6547

OVERLAND PARK, KAMBAS DEFICE © CORPORATE WOODS, SUITE SOO 9 HOI INDIAN CREEK PARKWAY P. O. SON ESIED OVERLAND PARK, KAMBAS GAZZO 10131 202-2003

January 4, 1984

Joseph H. Greer, Esq. Arnold Henson, Esq. Alexander Holtzman, Esq. Ernest Pepples, Esq. Arthur J. Stevens, Esq. S. B. Witt, III, Esq.

Gentlemen:

Pursuant to Arthur Steven's request, enclosed please find a copy of the updated chart of CTR Special Projects and activities supported under Special Accounts 4 and 5. This chart replaces the one dated September 1, 1983.

Please give me a call if you have any questions or

Sincerely,

Patrick H. Sirridge

PMS:ts

Enclosure

cc: Miss Janet Brown, w/encl. Edwin J. Jacob, Esq., w/encl. Francis K. Decker, Esq., w/encl.

RUR

R. J. Reynolds Tobacco Company Winston-Salem, N. C. 27102

Samuel B. Will, 55 Vice President General Counsel and Socretary

January 16, 1984

Josiah S. Murray, III, Esquire Liggett & Myers West Main & Fuller Streets Durham, NC 27702

Dear Joe:

I enclose, as requested, a copy of the updated chart of CTR Special Projects, etc.

Sincerely,

SBW:1h

Enclosure

Telephone (919) 777-5093 Telex 806463 AJR CENT WSL & Telecopier (919) 777-6685

は一般ない

| William Gutstein Study of neural factors on coronary 2 years | Study of the relationships among 3 years smoking, personality, and lung cancer 4-1-83 through on a cross cultural basis 3-31-86 | H. J. Eysenck Haintenance and Computerization of 3 years Twin Registry 10-1-83   | Rodger L. Bick "A Prospective Five Year Epi- 1 year demiological Study of Lung Cancer in Kern County" | Researcher Project Title/ Description Period |
|--|---|--|---|--|
| 2 years \$2  |   |  |   |  |
| 71,015   | First year: Apri<br>E40,000<br>Second year:<br>E42,000<br>Third year:   | Eirst year: Sept<br>524,000<br>Second year:<br>518,000<br>Third year:<br>519,000 | •   | Budget Appr                                  |
| March, 1983  | April, 1983   | September, 198   | January, 1983   | Date<br>Approved                             |

| Researcher   | Project Title/<br>Description   | Period                               | Budget   | Date<br>Approved |
|--|---|--------------------------------------|----------|------------------|
| Richard Hickey   | *Epidemiological and Ethological Studies on Air Pollution, Smoking, and Other Environmental Variables as Related to Human Mortality Rate Patterns*            | 4-1-83 through<br>3-31-84            | \$50,000 | Нау, 1983        |
| Duncan Hutcheon  | "Electrophysiological Properties of the<br>Heart Following Acute and Chronic<br>Exposure to Carbon Honoxide"  | l year,<br>8-1-83 through<br>7-31-84 | \$79,355 | August, 1983     |
| A. Bennett Jenson                                      | "Search for Papillomavirus Structural Antigens in Premalignant and Malignant Squamous Cell Lesions of the Oral Cavity and Upper and Lower Respiratory Tracts" | 2 years                              | \$60,000 | December, 1981   |
|  | Search for papillomavirus antigens in bronchial washings and sputum cytologies diagnosed as metaplasia or dysplasia   | 2 years                              | \$63,600 | Pending          |
| Lawrence Kupper/<br>Joseph Janis/<br>Bernard Greenberg | "Verification of a Statistical Age-<br>Period-Cohort Analysis of Lung Cancer"   | 1 year,<br>7-1-83 through<br>6-30-84 | \$60,000 | July, 1983       |
| Henry Rothschild                                       | "Genetic Aspects of Lung Cancer"  | l year,<br>6-1-83 through<br>5-31-84 | \$34,359 | Мау, 1983        |

| Researcher                        | Project Title/ Description  | Period                  | Budget                                     | Date<br>Approved |
|-----------------------------------|---|-------------------------|--|------------------|
| John Salvaggio/<br>Samuel Lehrer  | Provocative Inhalation Challenge Test-<br>ing; the exposure of "smoke sensitive"  | 2 years                 | First year:<br>\$58,055                    | December, 1981   |
|                                   | individuals to the actual inhalation of sidestream tobacco smoke                  |                         | Second year:<br>\$64,609                   |                  |
|                                   |   |                         | Additional funds for second year: \$10,000 | Apríl, 1983      |
| Gerhard N. Schrauzer              | *Statistical and Epidemiological<br>Studies on the Etiology of Lung               | 2 years                 | First year:<br>\$17,500                    | May, 1983        |
|                                   | College   |                         | Second year:<br>\$12,500                   |                  |
| Carl Seltzer                      | Continuation of work on constitutional differences between smokers and nonsmokers | 7-1-83 through 6-30-84  | \$70,000                                   | April, 1983      |
| Carl Seltzer/<br>Bea van den Berg | Study of Smoker/Nonsmoker<br>differences  | 1-1-83 through 12-31-83 | \$66,000                                   | February, 1983   |

| Researcher  | Project Title/ Description   | Period                      | Budget                    | Pate<br>Approved |
|---|--|-----------------------------|---------------------------|------------------|
| Theodor Sterling                                      | "A Continuing Critical Review of Major Factors in Statistical Studies in the   | 5-1-82 through 4-30-83      | First year:<br>\$377,010  | April, 1982      |
|   | The state of the s | 5-1-83 through 4-30-84      | Second year:<br>\$430,080 |                  |
|   | "The Study of Architectural, Ventila-<br>tion, and Lighting Factors in Relation<br>to Office Building Illness"   | 2 years                     | First year: \$143,991     | December, 1981   |
|   |  |                             | Second year:<br>\$63,922  |                  |
| Arvin Glicksman/<br>Harold Perry/<br>Theodor Sterling | "Retrospective Analysis of Environmen-<br>tal Contacts of Patients with Respira-   | 12-1-81 through<br>11-30-82 | \$70,520                  | February, 1981   |
|   | Diseases"  | Supplemental funding        | \$19,600                  | December, 1981   |

Spegial Account 14: Consultancies

| Individual/Institution   | Project   | Payment  |
|--|---|--|
| Domingo Aviado, President<br>Atmospheric Health Sciences, Inc. | Continuing review of relevant smoking and health topics                 | \$93,000 (1 year beginning March, 1983)<br>\$9,000 expenses    |
| Theodore Blau  | Analysis and evaluation of literature on the "tobacco habit"            | \$22,000 (1 year beginning August, 1983)                       |
| Walter Booker  | Continuing consultancy  | \$500/month  |
| Carlos Hilado  | Continuing consultancy  | \$48,000 (1 year beginning September, 1983)                    |
| Carl Seltzer   | Continuing consultancy based on specific projects                       | Per diem for work completed                                    |
| Irving Zeidman   | Analysis and evaluation of literature primarily in the lung cancer area | \$7,500 (approximately 25 days per year)<br>Approved May, 1983 |
| Others in progress   |   |  |
|  |   |  |

Special Account 14: Research Projects

| Researcher  | Project/Title<br>Description  | Period                                       | Dudget  | Date<br>Approved |
|---|---|--|---|------------------|
| Oliver Brooke   | Study A: Smoking and Nutrition Study B: The Effects of Psychosocial Stress in Pregnancy on Birth Size         | 2 years<br>8-1-82 through<br>7-31-84         | First year:<br>691,391<br>Second year:<br>680,969 | Мау, 1982        |
| Cotinine Project<br>{Battelle Columbus<br>Laboratories} | The experimental determination of nicotine to particulate mass ratios and levels of cotinine in ambient smoke | Completed<br>Report submitted<br>April, 1983 | \$69,000  | November, 198;   |
|   | Possible future research (Phase II) under consideration   |  |   |                  |
| Arthur Furst  | Review of scientific literature   | l year                                       | Per diem  | April, 1983      |
| Meckler Engineers<br>Group                              | Review of literature on ventilation/air quality models  | l year                                       | \$10,000  | October, 1983    |
| Nancy Mello and<br>Jack Hendelson                       | Review of scientific literature   | 2 years<br>beginning<br>July 1, 1982         | \$15,000/year                                     | April, 1982      |

Special Account 14: Research Projects

| Researcher          | Project/Title<br>Description  | Period  | Budget  |       |
|---------------------|---|---|---|-------|
| L. G. S. Rao        | Two projects:   | 2 years   | \$75,000/year                                       | 269   |
|                     | <ol> <li>"Maternal Smoking in Pregnancy and<br/>the Incidence of Birth Defects, Spon-<br/>taneous Abortions and Prematurity"</li> </ol>   |   |   |       |
|                     | (2) "The Assessment of the Role of<br>Fetal (as opposed to maternal)<br>Characteristics in Fetal Growth<br>Retardation"   |   |   |       |
| Charles Spielberger | "Personality and Situational Determinants of Smoking Behavior." Attempt to replicate major findings from work of Dr. Eysenck re origins and maintenance of smoking behavior with American subjects. | 9-15-81 through<br>8-31-83<br>Extension until<br>12-31-83 | Pirst year:<br>\$52,765<br>Second year:<br>\$59,616 | F. 7. |

| Researcher D                                 | Project/Title Description   | Period    | Budget    |
|--|---|-----------|-----------|
| Richard Brotman/ A<br>Alfred Freedman t<br>t | Analysis of policy in issues dealing with control and regulation of routine behavior in a democratic society. | 14 months | \$237,000 |

# Other Special Projects

| November, 1983   | \$300,000/year | 2 years,<br>4-1-84 through<br>3-31-86 | Funding for the Cancer Immunology<br>Laboratories  | Washington University  |
|------------------|----------------|---------------------------------------|--|--|
| November, 1982   | \$100,000/year | 3 years<br>beginning<br>1-1-83        | "Clinical Study of the Relationship<br>Between Smoking and Other Activities<br>and Myocardial Ischemic Events" | Richard Gorlin<br>(through the Heart<br>Research Foundation<br>In New York City) |
| Date<br>Approved | Budget         | Period                                | Project Title/<br>Description  | Researcher   |
|                  |                |                                       | •  |  |